

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
 Data File : PD091145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2025 12:30
 Operator : AR\AJ
 Sample : PB170527BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170527BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 14:40:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.873	66225324	723.3E6	21.266	24.292
28)	SA Decachlor...	9.067	8.059	102.7E6	809.4E6	21.957	26.719
Target Compounds							
2)	A alpha-BHC	3.993	3.385	351.8E6	2767.6E6	49.017	54.164
3)	MA gamma-BHC...	4.324	3.721	327.9E6	2535.9E6	48.231	53.671
4)	MA Heptachlor	4.922	4.072	316.5E6	2418.8E6	56.630	54.231
5)	MB Aldrin	5.263	4.356	316.0E6	2492.0E6	48.262	53.801m
6)	B beta-BHC	4.511	4.017	123.7E6	1027.3E6	47.228	51.807
7)	B delta-BHC	4.760	4.253	331.0E6	2566.9E6	48.955	53.795
8)	B Heptachlo...	5.683	4.861	306.5E6	2218.2E6	52.948	52.023
9)	A Endosulfan I	6.068	5.235	272.4E6	1308.2E6	49.203	33.212 #
10)	B gamma-Chl...	5.939	5.114	280.6E6	2396.1E6	47.316	53.307
11)	B alpha-Chl...	6.020	5.179	279.4E6	2286.0E6	45.215	52.994
12)	B 4,4'-DDE	6.190	5.362	247.6E6	2341.9E6	46.480	53.420m
13)	MA Dieldrin	6.341	5.501	281.5E6	2392.9E6	48.266	54.159
14)	MA Endrin	6.568	5.779	233.6E6	2149.4E6	47.152	53.081
15)	B Endosulfa...	6.780	6.068	236.6E6	2028.8E6	47.326m	54.022m
16)	A 4,4'-DDD	6.699	5.918	213.2E6	1998.7E6	52.599m	54.853
17)	MA 4,4'-DDT	7.016	6.172	195.3E6	1781.0E6	47.509	50.780
18)	B Endrin al...	6.910	6.248	206.0E6	1568.8E6	56.246	56.649
19)	B Endosulfa...	7.145	6.472	220.5E6	1952.0E6	47.539	54.455
20)	A Methoxychlor	7.489	6.742	102.0E6	882.9E6	47.964	50.662
21)	B Endrin ke...	7.626	6.979	245.0E6	2145.1E6	50.429	56.874m
22)	Mirex	8.108	7.173	149.7E6	1390.8E6	46.766	54.134

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111325\
Data File : PD091145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2025 12:30
Operator : AR\AJ
Sample : PB170527BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170527BS

Manual Integrations

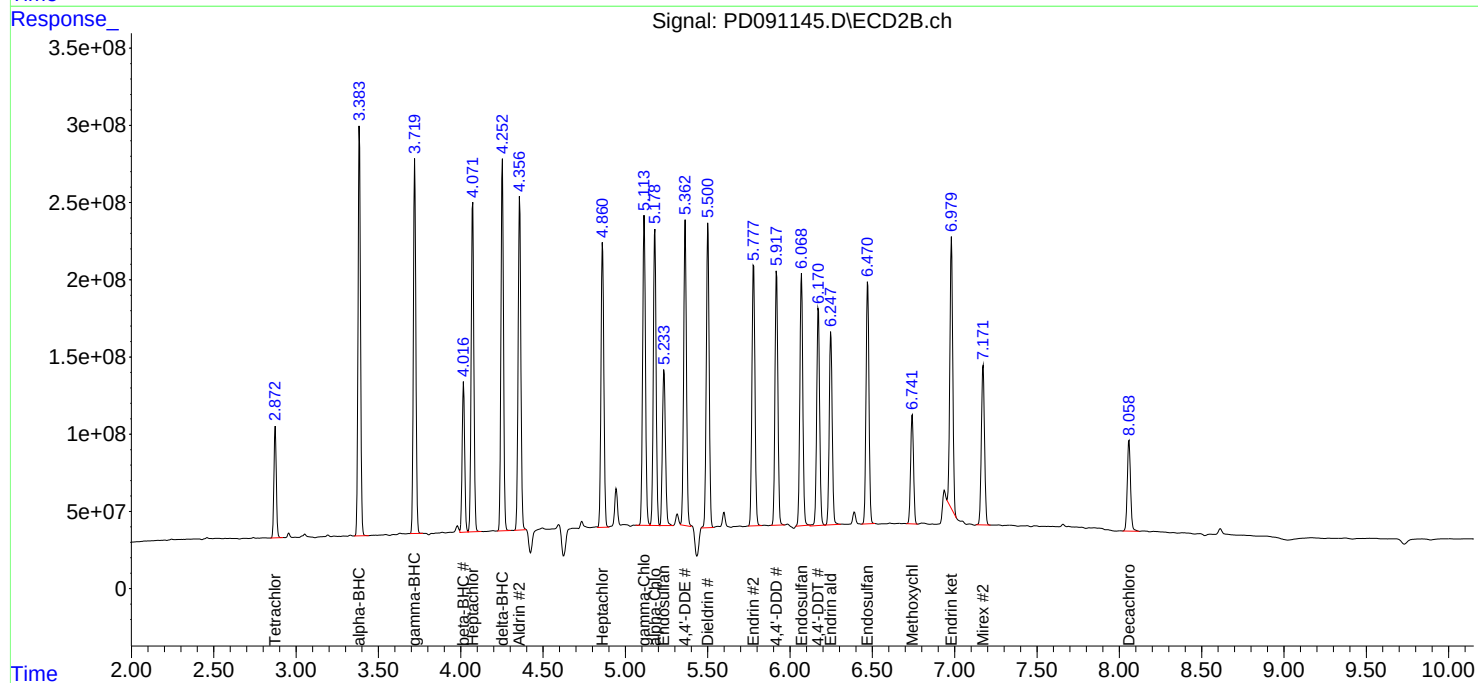
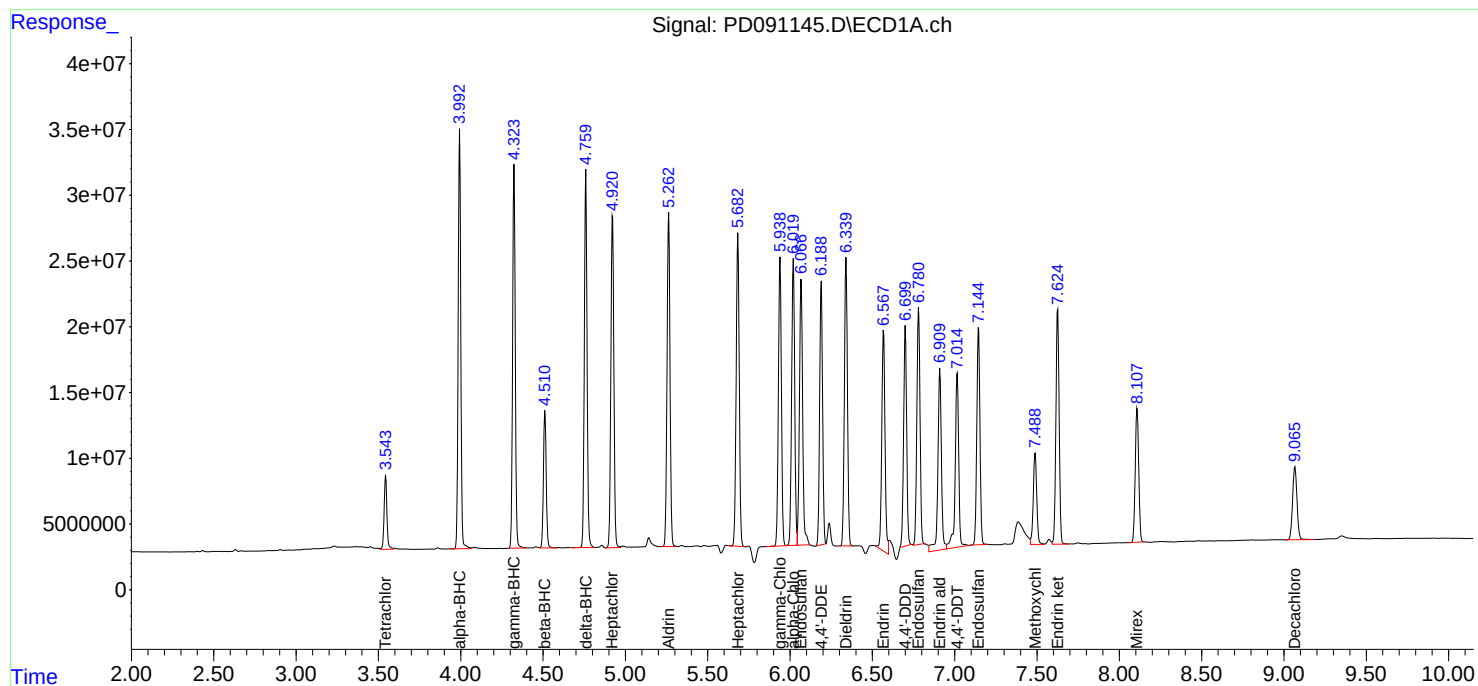
APPROVED

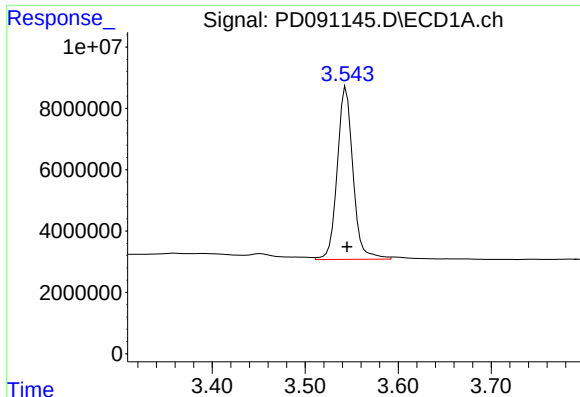
Reviewed By :Rahul Chavli 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 14:40:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





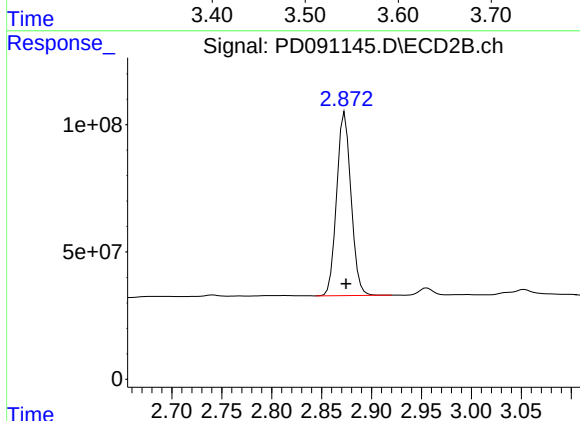
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 66225324
Conc: 21.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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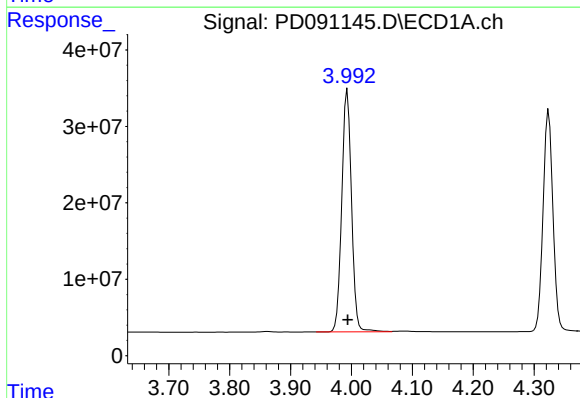
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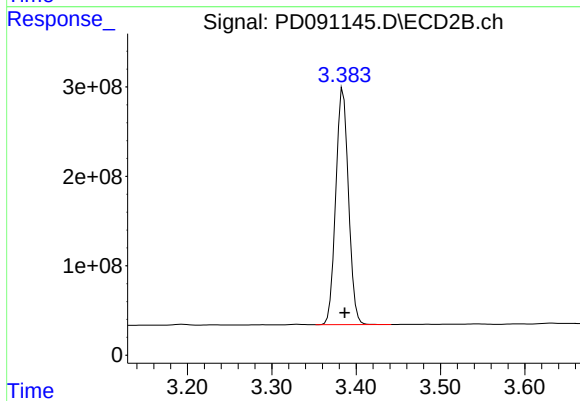
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 723342467
Conc: 24.29 ng/ml



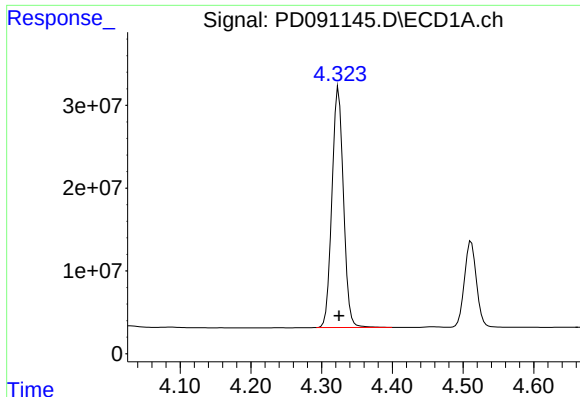
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 351802675
Conc: 49.02 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2767570432
Conc: 54.16 ng/ml



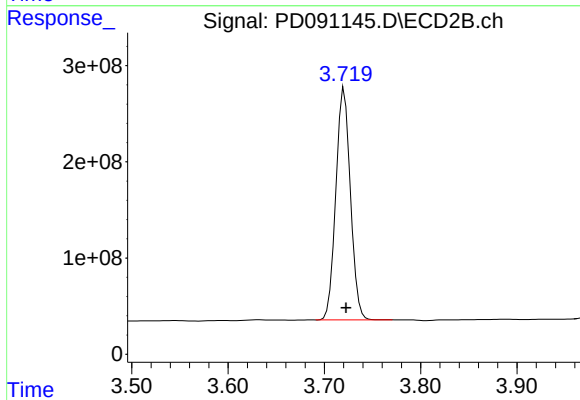
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 327914259
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

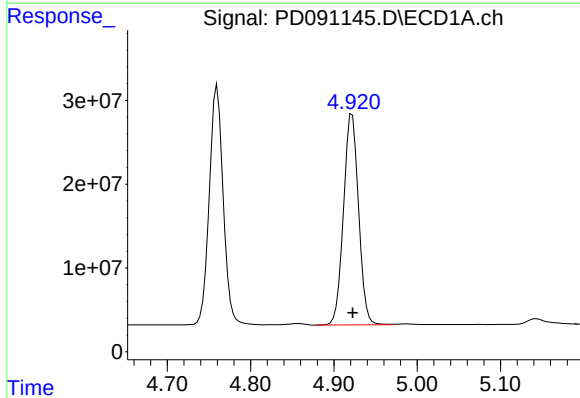
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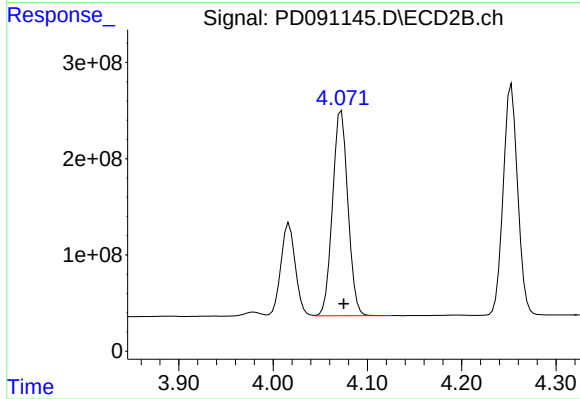
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2535913788
Conc: 53.67 ng/ml



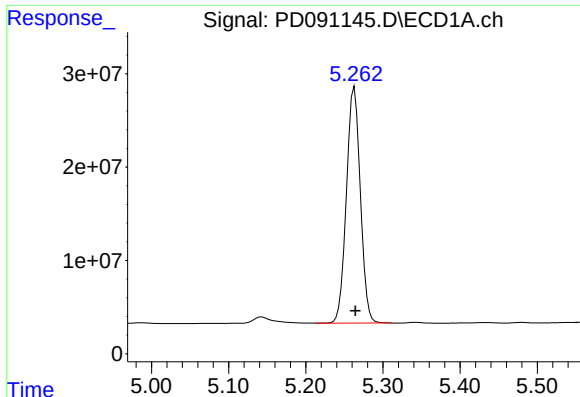
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 316536883
Conc: 56.63 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: -0.003 min
Response: 2418838980
Conc: 54.23 ng/ml



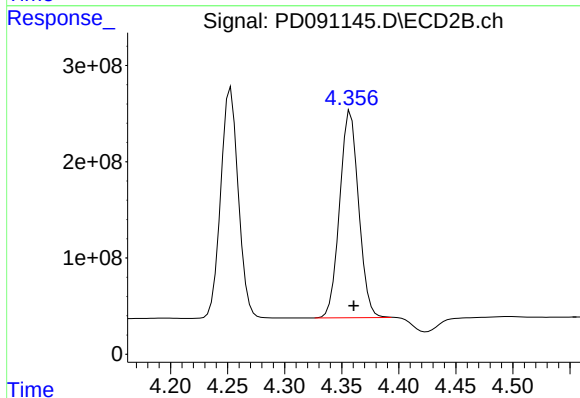
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 315981453
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

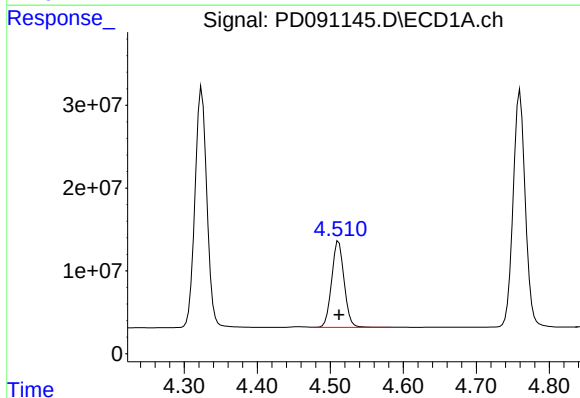
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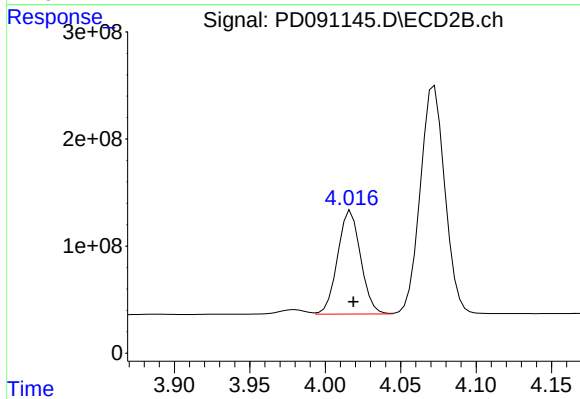
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.004 min
Response: 2491979923
Conc: 53.80 ng/ml m



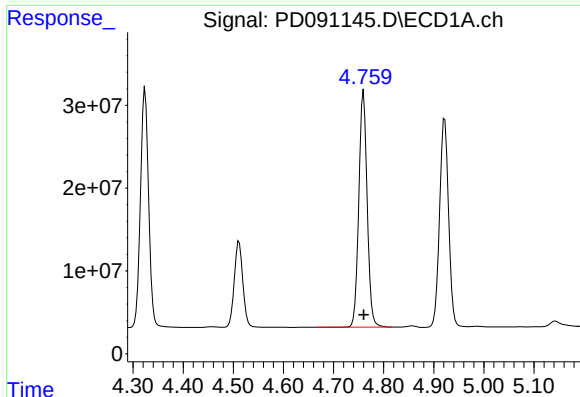
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 123720633
Conc: 47.23 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 1027303011
Conc: 51.81 ng/ml



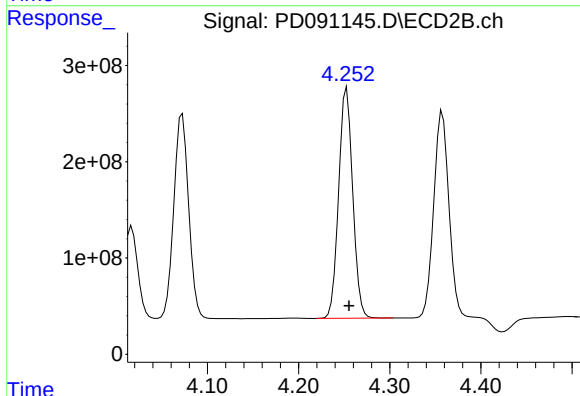
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 331018595
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

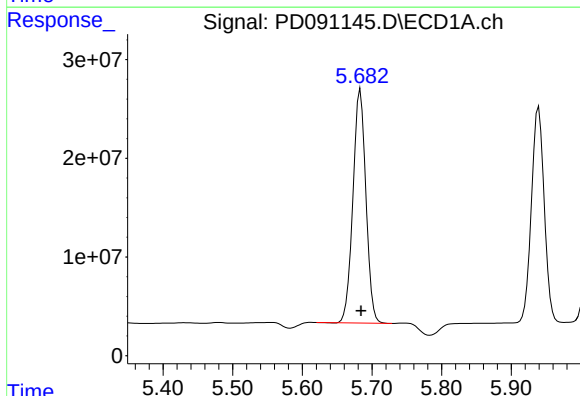
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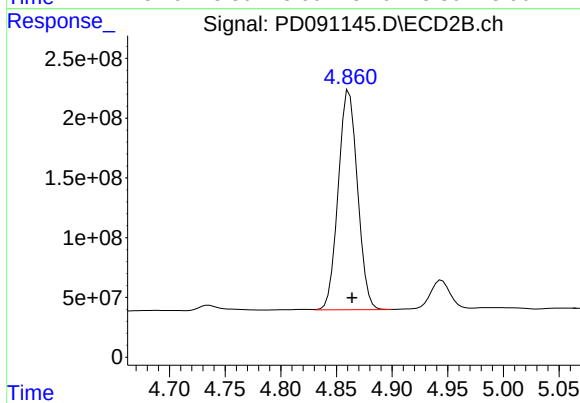
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2566939756
Conc: 53.80 ng/ml



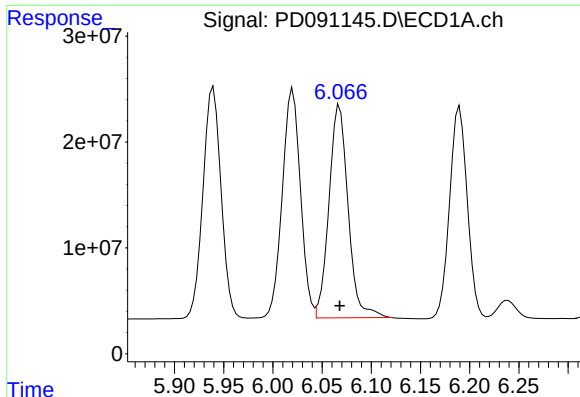
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 306520097
Conc: 52.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 2218223806
Conc: 52.02 ng/ml



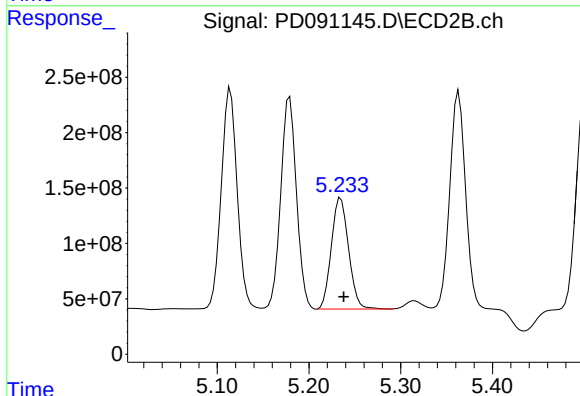
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 272419392
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

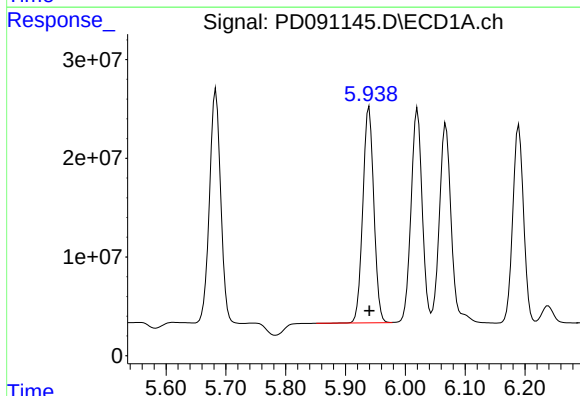
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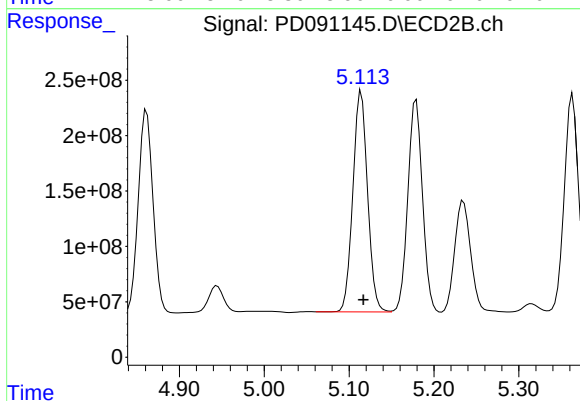
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1308220400
Conc: 33.21 ng/ml



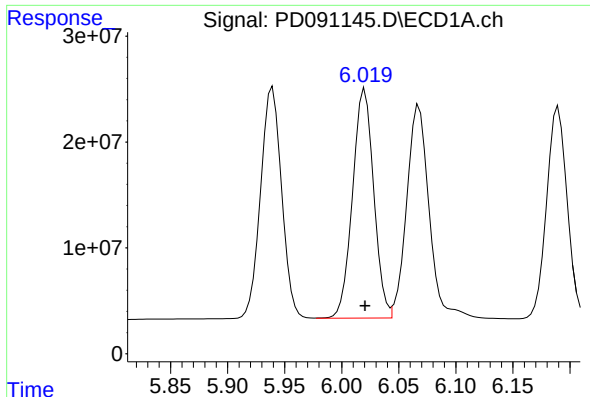
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 280638802
Conc: 47.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2396086896
Conc: 53.31 ng/ml



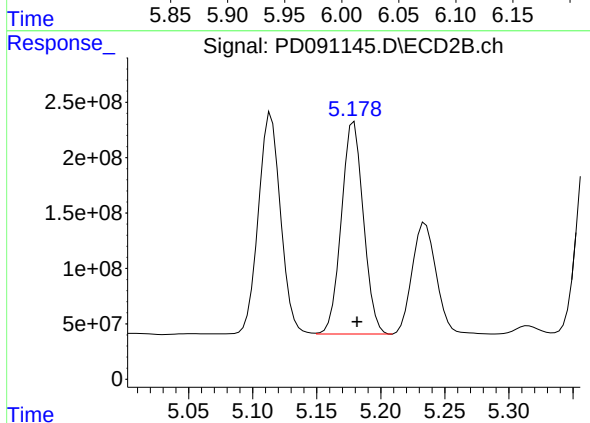
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 279439579
Conc: 45.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

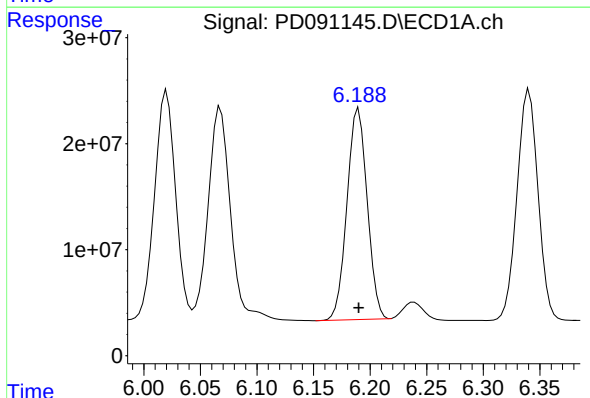
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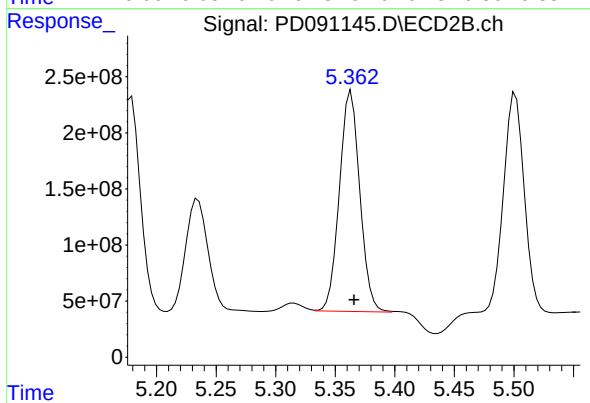
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2286034022
Conc: 52.99 ng/ml



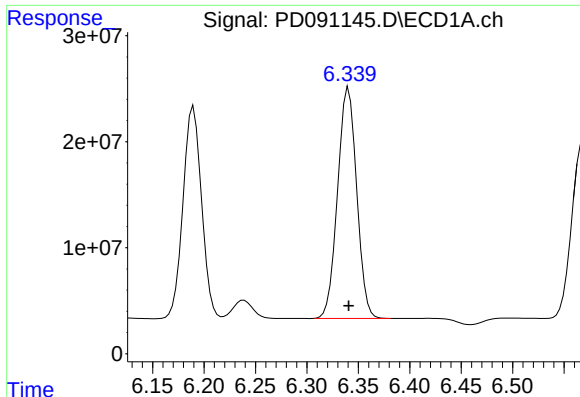
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 247580074
Conc: 46.48 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 2341851239
Conc: 53.42 ng/ml m



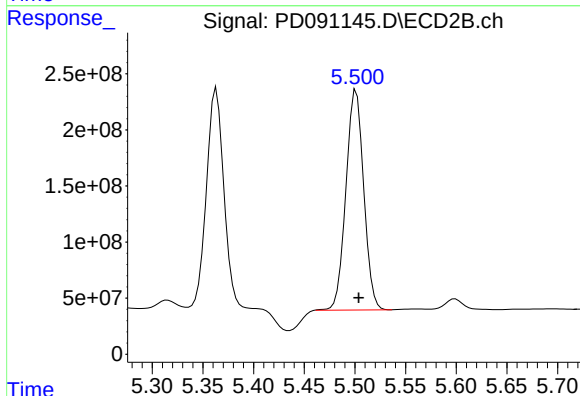
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 281457443
Conc: 48.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

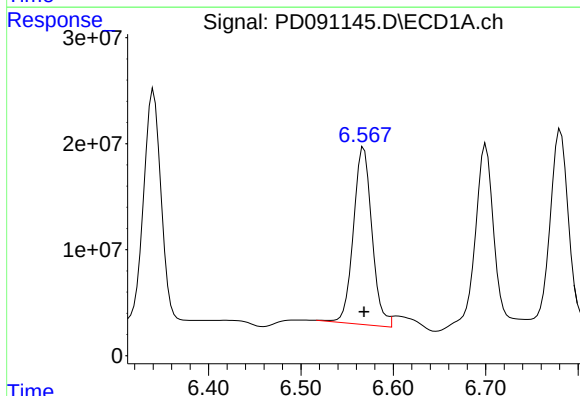
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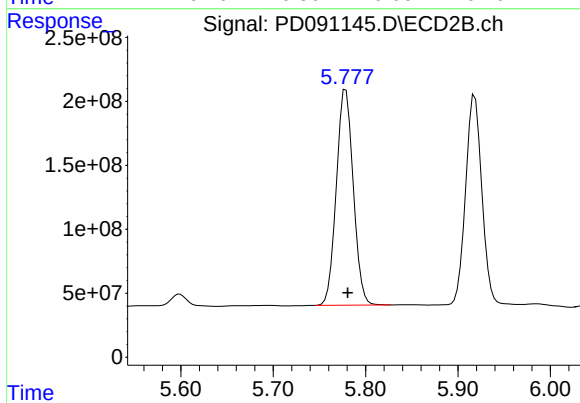
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2392946426
Conc: 54.16 ng/ml



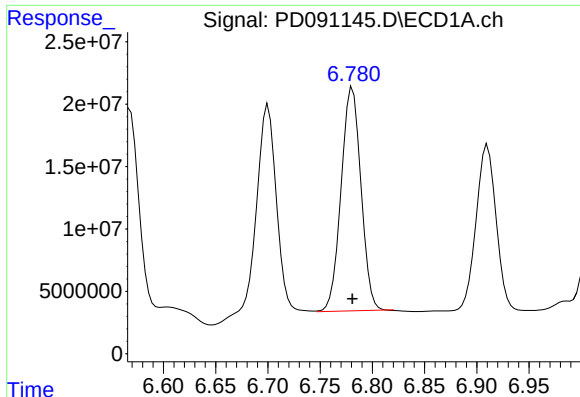
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 233577366
Conc: 47.15 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2149447827
Conc: 53.08 ng/ml



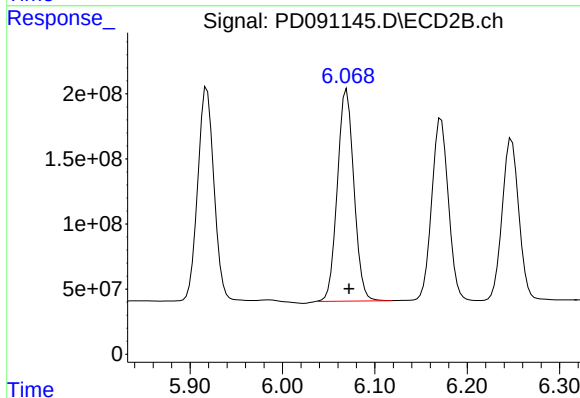
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 236629974
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

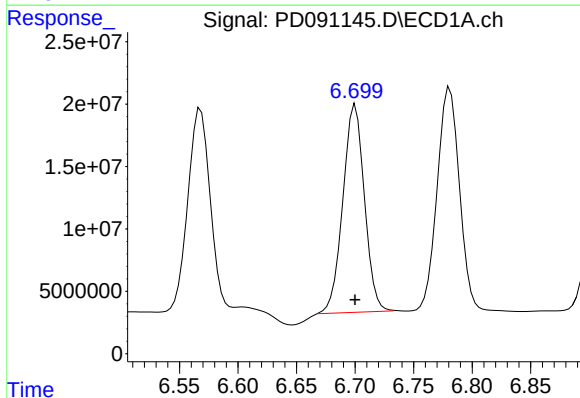
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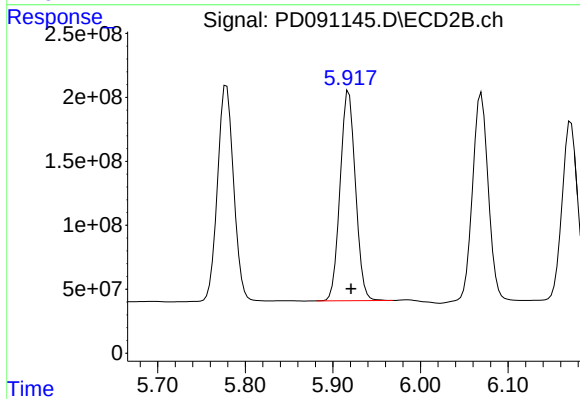
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 2028834329
Conc: 54.02 ng/ml m



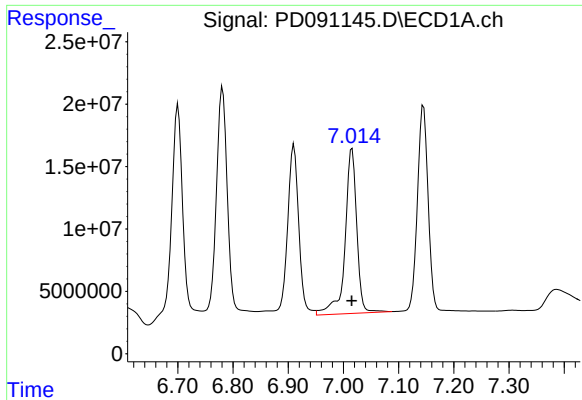
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 213247717
Conc: 52.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1998727860
Conc: 54.85 ng/ml



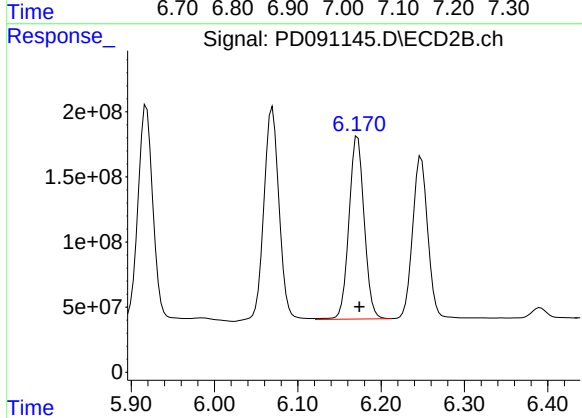
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 195284051
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

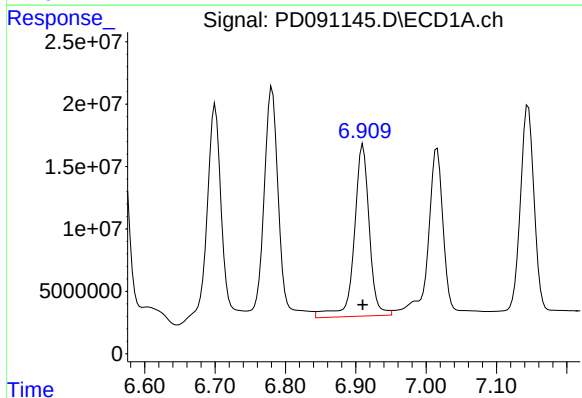
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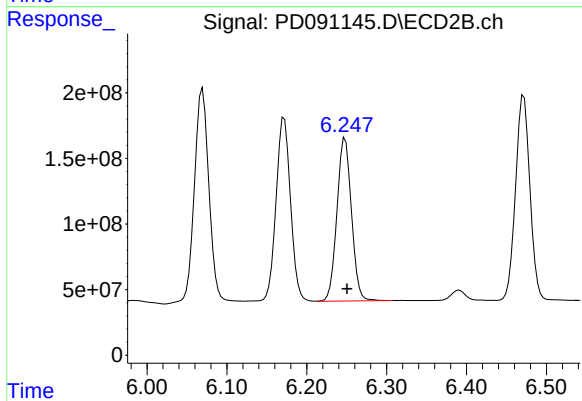
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1781006884
Conc: 50.78 ng/ml



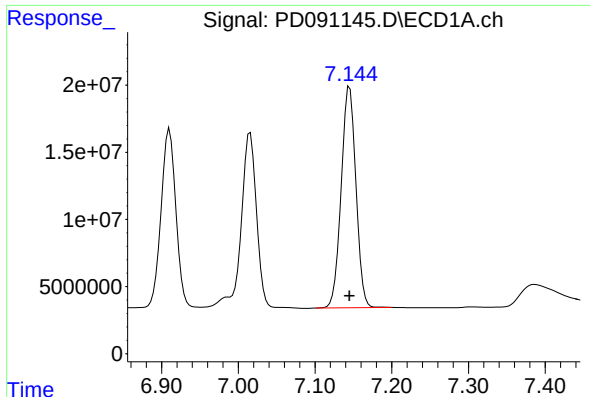
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 206011538
Conc: 56.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1568780561
Conc: 56.65 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 220495948
Conc: 47.54 ng/ml

Instrument :

ECD_D

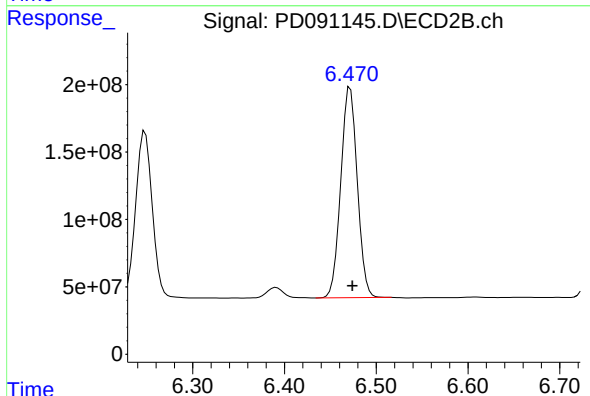
ClientSampleId :

PB170527BS

Manual Integrations

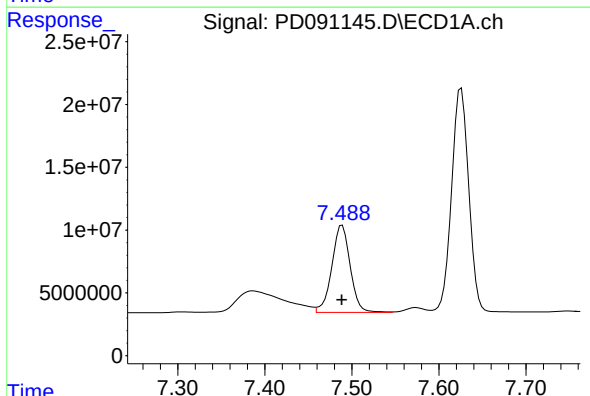
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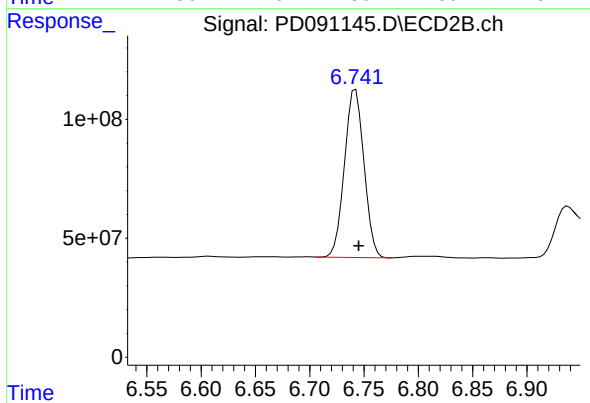
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1951951876
Conc: 54.46 ng/ml



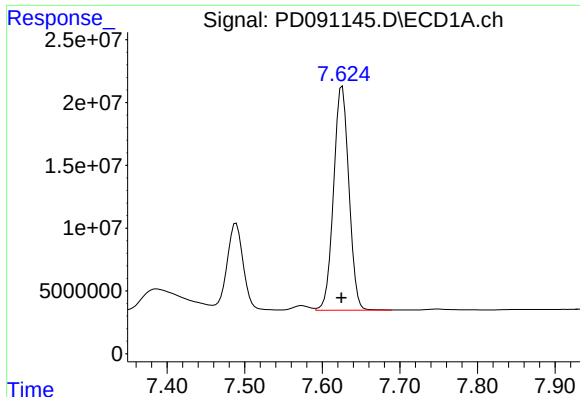
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 101950770
Conc: 47.96 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 882920744
Conc: 50.66 ng/ml



#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 245028000
Conc: 50.43 ng/ml

Instrument :

ECD_D

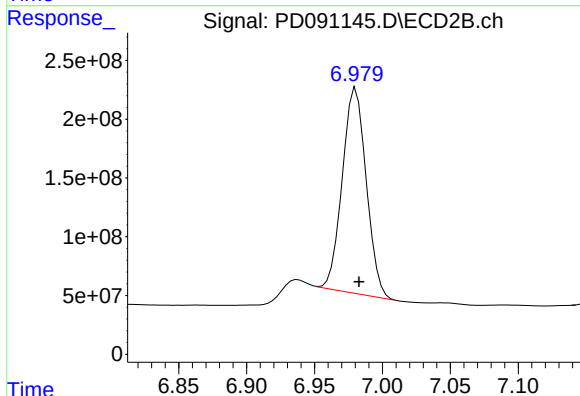
ClientSampleId :

PB170527BS

Manual Integrations

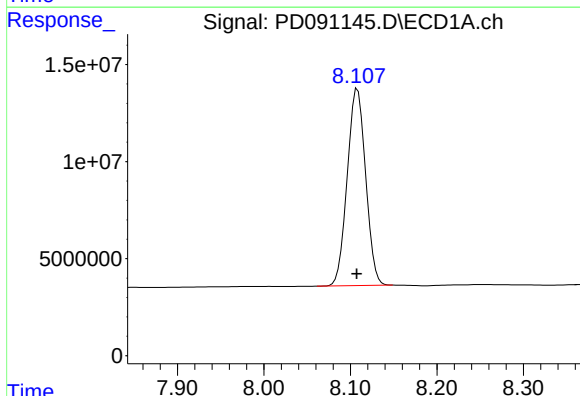
APPROVED

Reviewed By :Rahul Chavli 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



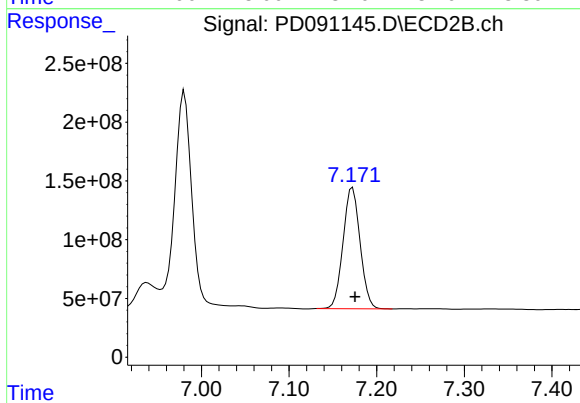
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2145149731
Conc: 56.87 ng/ml m



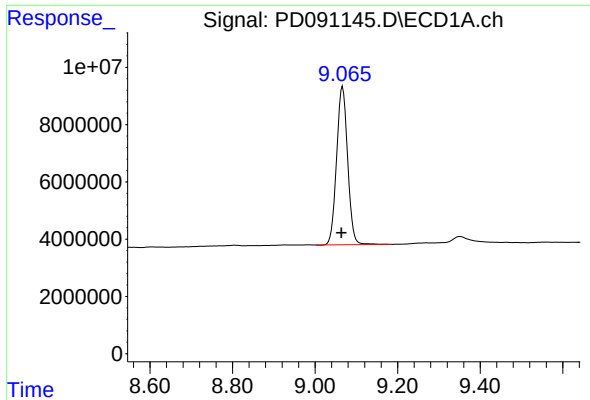
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 149691948
Conc: 46.77 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 1390759872
Conc: 54.13 ng/ml



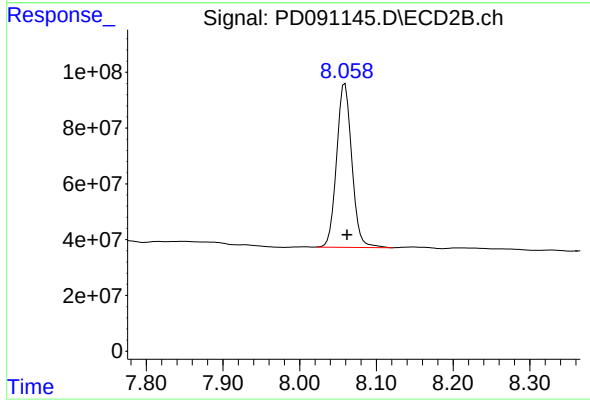
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 102715273
Conc: 21.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170527BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 809357638
Conc: 26.72 ng/ml